

WHAT IS CLAIMED IS:

No actual steps? 1. (A method for extracting tannin from a plant resource with a lower alcohol or a lower alcohol/aqueous solvent.)

2. A method for extracting tannin according to claim 1, wherein the lower alcohol is selected from the group consisting of methanol, ethanol, propanol, butanol, and a mixture thereof.

Sub 01 3. A method for extracting tannin according to claim 1 or 2, wherein the lower alcohol/aqueous solvent is a mixed solvent having a mixing ratio between lower alcohol and water of 99 : 1 to 50 : 50.

4. A method for extracting tannin according to claim 1, wherein the plant resource is selected from the group consisting of mangrove, acacia, pine, larch, eucalyptus, oak, and Japanese hemlock.

Sub 02 5. A method for extracting tannin according to any one of claims 1 to 3, wherein an extraction temperature is 0 to 100°C and preferably in the range 15 to 65°C.

6. Tannin obtained by the extraction method as claimed in any one of claims 1 to 5.

7. An adhesive or a binder comprising tannin as one of the constituents obtained by the extraction method as claimed in any one of claims 1 to 5.

8. A composition for a molding containing tannin obtained by the extraction method as claimed in any one of claims 1 to 5.

9. A method for producing tannin, comprising the steps of: separating radiata pine (*Pinus radiata*) bark into an outer bark and an inner bark; and extracting only the outer bark as a source material.

10. A method for producing tannin according to claim 9, comprising the steps of: subjecting a block-shaped outer bark and a fiber-shaped inner bark, obtained by treating the radiata pine (*Pinus radiata*) bark with a shredder or the like, to a pneumatic force, a

screen, or the like, thereby separating the outer bark from the inner bark; grinding the separated outer bark; and extracting tannin from the obtained ground substance as a material, with lower alcohol or a mixed solvent of lower alcohol/water.

11. A method for producing tannin according to claim 9, wherein a water content of the radiata pine (*Pinus radiata*) bark before or during separation with a pneumatic force or a screen is 20% or more.

12. Tannin comprises an outer bark of radiata pine (*Pinus radiata*) bark as a source material.

13. An adhesive or a binder for wood is made of tannin containing an outer bark of radiata pine (*Pinus radiata*) bark as a material.